

MERIT PROMOTION ANNOUNCEMENT

DEPARTMENTS OF THE ARMY AND AIR FORCE  
OFFICE OF THE ADJUTANT GENERAL  
NORTH CAROLINA NATIONAL GUARD  
HUMAN RESOURCES OFFICE  
4105 REEDY CREEK ROAD  
RALEIGH, NORTH CAROLINA 27607-6410

ANNOUNCEMENT #: ANG 09-2004

OPENING DATE: 06 February 2004

CLOSING DATE: 08 March 2004

ANTICIPATED FILL DATE: 04 April 2004

POSITION TITLE AND NUMBER:  
High Voltage Electrician Training Leader  
PDCN: 80407000

UNIT/ACTIVITY AND DUTY LOCATION:  
145 Civil Engineer Squadron  
NCANG, Charlotte, NC

GRADE AND SALARY: (Includes Locality Pay of 9.62%)

TECH

WL-2810-10 \$18.02 - \$21.07 PER HOUR

EMPLOYMENT STATUS:

Excepted Service

WHO CAN APPLY: The area of consideration for this position is NATIONWIDE.

TECHNICIAN: Applications will only be accepted from current Excepted employees, current military members of the North Carolina Air National Guard and individuals who are eligible and willing to enlist in the North Carolina Air National Guard.

HOW TO APPLY: TECHNICIAN: Applicants interested in the technician position may apply by submitting an Optional Application for Federal Employment (Optional Form 612), resume or any other form of application. It is required that the Knowledge, Skills and Abilities (KSA) listed below be addressed and attached to the application.

NOTE: Information that must be provided when applying for a technician position is as follows: announcement number; name; address; telephone number; social security number; date of birth; citizenship; education; work experience; and other job-related qualifications. Applications must be sent to: North Carolina National Guard, ATTN: OTAGNC-HRO, 4105 Reedy Creek Road, Raleigh, NC 27607-6410, to be received not later than the close of business on the above indicated closing date.

QUALIFICATION REQUIREMENT: Must have 9 months experience which demonstrates that the applicant has acquired the below listed KSA'S.

KNOWLEDGE, SKILLS & ABILITIES (KSA'S)

Below are listed the KSA's for this position. Each technician applicant must prepare separate (plain paper) listing to address all KSA's and explain the civilian and military work experience (with dates) that provided that KSA. These comments must be addressed in the order they appear below and attached to the application when applying for the position. Failure to include attachment of the KSA Statement will result in your application not being considered for employment. ASSISTANCE IN COMPLETING THE KSA STATEMENT MAY BE OBTAINED BY CALLING 919/664-6172 OR 704/391-4169.

1. Skilled in installation, repair and maintenance of electrical power generating and distributing equipment.
2. Ability to read and understand technical manuals and diagrams and inter-connections.
3. Knowledge of electrical theory.

CONDITION OF EMPLOYMENT: Occupants of this position must maintain continuous military membership in the North Carolina Air National Guard (NCANG). NCANG status (military grade, DAFSC, military unit) and experience must be entered on the application. The recommended applicant will not be approved for appointment until they occupy a compatible AFSC in the NCANG shown under Military Assignment on the reverse side of this announcement. The applicant selected for this position will be required to participate in the Direct Deposit/Electronic Fund Transfer Program.

MILITARY ASSIGNMENT: Assignment in a compatible Enlisted position in the NCANG is mandatory. AGR grade not to exceed MSGT/E-7. AFSC: 3E0X1, 3E090

EVALUATION FACTORS USED: Personal interviews, review of application and the KSA Statement.

PRINCIPAL DUTIES AND RESPONSIBILITIES:

Plans, develops and validates training. Determines and selects instructional design, methods and media. Develops training materials to support objectives. Prepares required training and statistical data. Monitors progress and counsels students on performance. Prepares performance evaluations on each student in accordance with Electrical War Skills Plan of Instruction (POI). Upon completion of training, certifies competence level, and ensures completion of required documentation. Instructs and evaluates students on installing, maintaining, and repairing interior and exterior, overhead, and underground, electrical power distribution systems and components such as capacitor banks, vacuum and air break switches, breakers, transformers, fuses, lighting fixtures, receptacles, and motors. Instructs, and evaluates students on installing, operating, troubleshooting, inspecting, maintaining, and repairing fixed and portable airfield lighting systems including runway, threshold, approach, taxiway, visual glide slope, obstruction, and distance marker lights. Performs, instructs, and evaluates students on installation and operation of the mobile aircraft arresting system and the BAK-12 aircraft arresting system. Climbs utility poles and operates special purpose vehicles and equipment (including line maintenance and high reach trucks) to inspect and evaluate repair of overhead distribution systems. Inspects power line poles for pest damage, deterioration, and loose hardware. Inspects, tests, and services overhead line conductors, direct burial cables and those in underground ducts and conduits. Troubleshoots malfunctioning equipment using technical orders, manufacturer's handbooks, local procedures, codes, and directives. Conducts air samples in manholes and other confined spaces for dangerous concentrations of combustible or toxic gases and oxygen deficiency. Installs, maintains, and repairs cathodic protection and grounding systems, multiple frequency converters, and voltage and current regulators. Installs, maintains, and repairs fire and intrusion detection alarms, and traffic system controls. Installs, maintains, and repairs electrical appliances. Advises, trains, and evaluates students for electrical power distribution and special purpose electrical systems installation to include repairing deficiencies. Solves complex maintenance problems by analyzing construction and operating characteristics, and studying layout drawings and schematic diagrams. Uses meters, testing devices, indicators, and recorders to locate equipment, distribution, and motor controller malfunctions and faults. Analyzes and identifies malfunctions and recommends repair procedures necessary to correct defective equipment. Develops and establishes maintenance and operating procedures to ensure maximum efficiency of electrical and mechanical systems. Performs facility surveys and determines proposed work and resource requirements. Prepares cost estimates for in-service work. Applies engineering performance standards to plan and estimate jobs. Coordinates plans and other activities with other civil engineer sections and base units. Performs other duties as assigned.

INSTRUCTIONS TO COMMANDERS/SUPERVISORS: This position vacancy announcement will be given the broadest possible dissemination. A copy of this announcement will be posted to your unit/activity bulletin board.

ADDITIONAL INSTRUCTIONS:

1. Applicants are requested to identify, on a separate sheet of paper, their race and national origin from one of the following categories: Male or female; American Indian or Alaskan native; Asian or Pacific Islander; Black, not of Hispanic origin; Hispanic; white, not of Hispanic origin. Submission of this information is voluntary and will be used in support of the NCNG Equal Employment and Affirmative Action Programs.
2. An initial, and periodic medical examination may be required for jobs located in working areas which have a high exposure risk to conditions which may result in occupational illness or injury.
3. Participants in the Selected Reserve Incentive Program will be administered as prescribed by NGB Pamphlet 600-15.
4. Relocation expenses for current federal employees may not be paid. Applicants will be advised in writing at the interview.
5. Males born on or after 1 January 1960 must be registered with the Selective Service in order to be considered for federal employment.

DISTRIBUTION:

A, B-3, C-3, G-25, H-3, J-3, K-3, M, N-12, P-9, Q, W-2, Y-2, R: HRO-20, AGAV-1, AGCS-3, DCSANG-1, DCSLOG/G4-4, DCSOI-3, DCSPER-3, FMCB-2, IG-1, SCSM-1, SRAA-1, VCSOP-1

